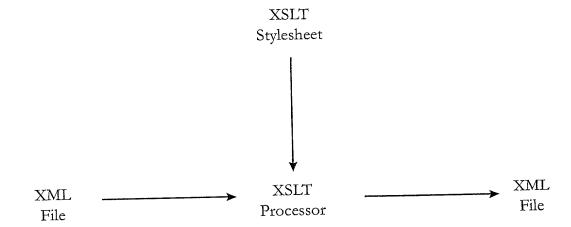
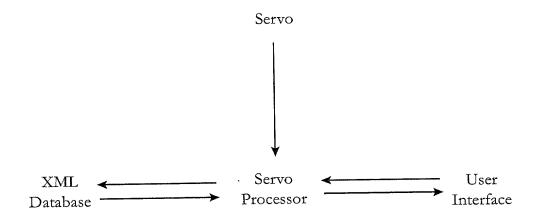
### Figure 1



(PRIOR ART)

Figure 2



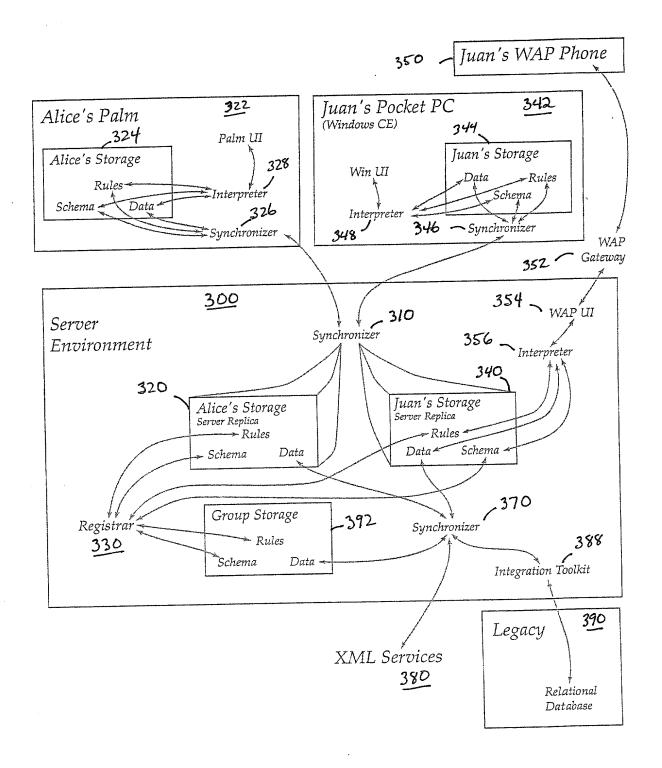


Fig. 3

# The state of the s

### **Servo Template**

< xsl:template match = 'wh:obj' >

< xsl:apply-templates select = 'key("objByLast", @wh:barId)'/> <html:span> < xsl:value-of select='@barId'/> </html:span> <ts:edit select='wh:desc'/> <ts:hideable> <ts:expandable> <hr/><html:div> 408 410 406 402 404 412

</ts><td

</hr>

418

416

414

</xsl:template>

</ts:hideable>

## **Database Fragment**

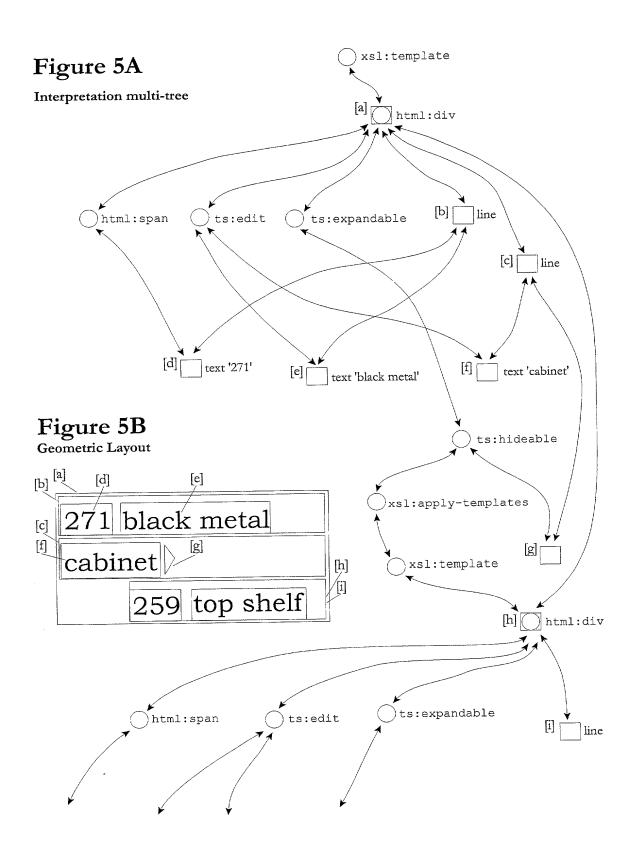
< wh:desc > black metal cabinet < /wh:desc > < wh:obj wh:barId='271'> </wh> < wh:objects > 420 422 424 426

<wh:obj wh:barId='259' wh:last='271'> < wh:desc > top shelf < /wh:desc > 428

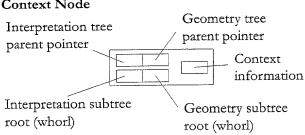
</wh:obj>

</m>

Fig. 4B

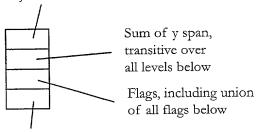


### Figure 6 Context Node



### Figure 7 Interior Socket

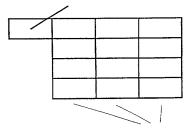
Sum of number of context node children, transitive over interior whorls, but not beyond the first level of context nodes



Pointer to child (context node or interior whorl) or cached information about unmaterialized object

### Figure 8 Interior Whorl

Parent pointer to parent interior whorl or parent context node containing the whorl referencing this



Each column is an interior socket

